

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-10 (Canceled).

Claims 11 (New): A heat exchanger comprising:

plates with a pattern of grooves and connections for inlets and outlets, placed in a pack and brazed, so that separate channels for two media between alternating pair of plates are formed;

a set of holes arranged through said plates around said connections; and

at least one reinforcement mechanism arranged through said holes.

Claim 12 (New): A heat exchanger according to claim 11, further comprising brazings arranged to seal off said holes towards the channels.

Claim 13 (New): A heat exchanger according to claim 12, wherein said holes are arranged in rotational symmetry through the plates, with regard to a 180 degrees rotation.

Claim 14 (New): A heat exchanger according to claim 13, wherein each reinforcement mechanism comprises a threaded rod having a first stop at a first end.

Claim 15 (New): A heat exchanger according to claim 14, wherein each reinforcement mechanism is arranged to be fixed at said pack by a second stop, having at least one threaded hole in which a second end of the reinforcement mechanism is arranged to be screwed.

Claim 16 (New): A heat exchanger according to claim 15, further comprising a pressure distributing disk arranged between an outer plate and said first stop, and wherein said pressure distributing disk has holes for connection.

Claim 17 (New): A heat exchanger according to claim 16, wherein said pressure distributing disk comprises a ring having a recess for receiving a flange coupling having a flange with an inner edge at a neck, whereby the inner edge is configured to be arranged at the recess.

Claim 18 (New): A heat exchanger according to claim 11, wherein 30 plates are arranged in said pack.

Claim 19 (New): A heat exchanger according to claim 11, wherein a number of packs of plates are connected by a packing of rubber or copper between each pack.

Claim 20 (New): A heat exchanger according to claim 11, wherein a number of pack of plates are connected by a flange coupling.